



Geri Schmaltz  
ND Public Service Commission  
600 East Boulevard Ave, Dept. 408  
Bismarck, ND 58505-0480

Re: ND PSC Case No. PU-16-94: BOE Pipeline, LLC – 16-Inch Crude Oil Pipeline  
Dunn & McKenzie Co. - Siting Application – NDGS Review Comments

The North Dakota Geological Survey (NDGS) appreciates the notification and opportunity to review and provide comment on the proposed pipeline project. In an NDGS letter dated July 12, 2018 we provided comments on the proposed pipeline route to BOE Midstream, LLC. We were originally notified of the project from the filing of BOE's ten-year plan of June 26, 2018 from the Public Service Commission.

In that review we noted that the proposed route crosses several mapped landslide areas and traverses through an area of the state where the areal density of landslides is high suggesting that other additional unmapped areas of slope instability may also exist. We continue to express that careful inspection and engineering evaluation of proposed pipeline routes should be continued in areas that may be prone to slope instability and that areas like these should be avoided whenever possible.

Landslide maps and data, along with LiDAR elevation data sets and updated mapping products for this project area are available on our website at: <https://www.dmr.nd.gov/ndgs/landslides/>

If there are any additional questions or comments regarding this review, please contact us at (701) 328-8000.

Sincerely,

North Dakota Geological Survey:

*Fred Anderson*

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Agency correspondence

North Dakota Mineral Resources - Geological Survey

Fred Anderson, Geologist